

Table 1. Demographic characteristics of the study population	
Age (years)	Mean (SD)
Male	55.2 (10.5)
Female	56.8 (11.2)
Marital status	
Married	68.5%
Single	12.3%
Divorced	15.7%
Widowed	3.5%
Education level	
High school or less	45.2%
College	32.1%
Postgraduate	22.7%
Occupation	
Professional	28.9%
Managerial	18.5%
Technical	15.3%
Service	22.1%
Unemployed	15.2%
Income (USD/month)	
< 1000	12.5%
1000-2000	35.7%
2000-3000	28.9%
> 3000	22.9%
Health insurance	
Yes	85.4%
No	14.6%
Smoking status	
Smoker	25.3%
Non-smoker	74.7%
Alcohol consumption	
Regular	18.7%
Occasional	32.1%
Never	49.2%

## PRELIMINARY AMENDMENT

In the Specification:

### --Cross-Reference to Related Applications

This application is a divisional of U.S. Serial No. 09/043,814, filed on March 25, 1998, which is continuation under 35 USC § 371 of PCT Application Number PCT/GB96/02368, filed on September 25, 1996, which claims priority from Application Number GB 9519490.8, filed on September 25, 1995, all of which are incorporated herein by reference in their entirety.--

**In the Claims:**

Cancel claims 1-26 without prejudice.

Add claims 27-40.

--27. (New) A method for stimulating the human immune system, the method comprising activating human T cells that recognize a human CYP1B1 epitope.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

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Signature

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28. (New) The method of claim 27, wherein activation of T cells is achieved by immunizing a human with a CYP1B1 amino acid sequence.

29. (New) The method of claim 28, wherein the method comprises activating cytotoxic T cells.

30. (New) The method of claim 28, wherein the method comprises activating helper T cells.

31. (New) The method of claim 28, wherein the human has a cancer.

32. (New) The method of claim 31, wherein the cancer is in the bladder, brain, breast, colon, connective tissue, kidney, lung, lymph node, esophagus, ovary, skin, stomach, testis, or uterus.

33. (New) The method of claim 31, wherein the immunization results in a cell-mediated or humoral immune response against the cancer.

34. (New) The method of claim 28, wherein the CYP1B1 amino acid sequence comprises ESLRPGAAPRDMMD (SEQ ID NO:1).

35. (New) The method of claim 28, wherein the CYP1B1 amino acid sequence comprises EKKAAGDSHGGGAR (SEQ ID NO:2).

36. (New) A method of treating cancer in a human, the method comprising administering to the human an effective amount of a medicament that activates an immune response against a cell in which CYP1B1 is expressed.

37. (New) The method of claim 36, wherein the method comprises activating cytotoxic T cells.

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38. (New) The method of claim 36, wherein the method comprises activating helper T cells.

39. (New) The method of claim 36, wherein the cancer is in the bladder, brain, breast, colon, connective tissue, kidney, lung, lymph node, esophagus, ovary, skin, stomach, testis, or uterus.

40. (New) The method of claim 36, wherein the administration results in a cell-mediated or humoral immune response against the cancer.--

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REMARKS

Applicants have cancelled claims 1-26 and added claims 27-40. Support for these amendments and new claims can be found in the application at, e.g., page 4, lines 20-24, page 9, lines 20-27, page 3, lines 13-15, and original claims 23-24. These amendments add no new matter. Attached is a marked-up version of the changes being made by the current amendment.

Applicants ask that all claims be examined and allowed. Please apply any charges or credits to Deposit Account No. 06-1050, referencing attorney docket number 12489-003002.

Respectfully submitted,

Date: \_\_\_\_\_

*June 4, 2001*

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Serial No. : Unassigned  
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Page : 5

Attorney's Docket No.: 12489-003002

**Version with Markings to Show Changes Made**

**In the Claims:**

Claims 1-26 have been cancelled.

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